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(71) Applicant (for all designated States except US): **FOTONATION VISION LIMITED** [IE/IE]; Galway Business Park, Dangan, Galway City, County Galway (IE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CIUC, Mihai** [RO/RO]; Str. Latea Gh. 17, BI C60, Sc. 1, Ap. 45, Sector 6, R-768043 Bucuresti (RO). **NANU, Florin** [RO/RO];

Str. Izvorul Muresului, Nr13, Bi D22, Sc D, Ap 32, Sector 4, Bucuresti (RO). **PETRESCU, Stefan** [RO/RO]; Str. Cap. Gheorghe Ion Nr.4, Bi.73, Sc.3, Et.2, Ap.37, Sector 4, Bucharest (RO). **CAPATA, Adrian** [RO/RO]; Bd. Iancu De Hunedoara Nr. 25, Bl.2, Sc. A, Ap. 53, Sector 1, Bucuresti (RO). **VERTAN, Constantin** [RO/RO]; 15, Bd. Eroilor, Bi. A3, Sc. B, Apt. 10, Sect V, Bucuresti (RO). **CORCORAN, Peter** [IE/IE]; 57 Sceilg Ard, Headford Road, Cregg, Claregalway, Co. Galway (IE). **BIGIOI, Petronel** [RO/IE]; 57 Sceilg Ard, Headford Road, Galway, Co. Galway (IE). **STEINBERG, Eran** [IL/US]; 137 Granville Way, San Francisco, CA 94127 (US).

(74) Agent: **SMITH, Andrew, V.**; Fotonation IP Dept, 800 Airport Blvd., Suite 522, Burlingame, CA 94010 (US).

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[Continued on next page]

(54) Title: AUTOMATIC DETECTION AND CORRECTION OF NON-RED EYE FLASH DEFECTS

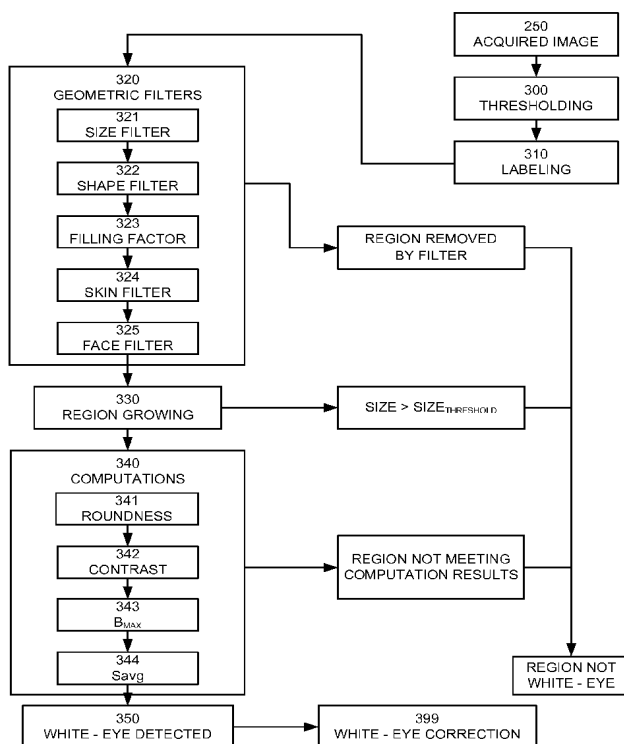


FIGURE 3

(57) Abstract: A technique for detecting large and small non-red eye flash defects in an image is disclosed. The method comprises selecting pixels of the image which have a luminance above a threshold value and labeling neighboring selected pixels as luminous regions. A number of geometrical filters are applied to the luminous regions to remove false candidate luminous regions.

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MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,  
RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN,  
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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USPC - 382/275

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC: 382/167, 190, 159 (text search)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST(USPT,PGPB,EPO,JPO,DERWENT); DialogPRO(Engineering); Google

Search terms: no red eye bright flare white reduction effect defect filter remove process edit image photo photograph luminance bright threshold minimum maximum max min score

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/0238230 A1 (YOSHIDA) 27 October 2005 (27.10.2005), fig 4-8, para [0042], [0045]-[0064], [0072].	1-20
A	US 5,748,764 A (BENATI et al.) 05 May 1998 (05.05.1998), fig 4; col 1, ln 65 to col 2, ln 47; col 4, ln 1-5; col 6, ln 16-55; col 9, ln 8-26.	1, 9 and 11
A	US 2004/0047491 A1 (RYDEK) 11 March 2004 (11.03.2004), para [0010]-[0013], [0035]-[0037], [0053].	1, 9 and 11

☐ Further documents are listed in the continuation of Box C.

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Mail Stop PCT, Attn: ISA/US, Commissioner for Patents  
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Authorized officer:

Lee W. Young

PCT Helpdesk: 571-272-4300

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